



*People's Pavilion by bureau SLA & Overtreders W*

**48-314B/ 48-614B: New Pedagogies: Material Regeneration**  
**Units: 9**  
**Instructor: Jongwan Kwon**

The current energy crisis and climate change have impelled architects to challenge many standing assumptions in material culture and rethink the relationship between materials, the environment, construction methods, and labor. This seminar offers a critical view of the conventional material systems and practices and examines ways to shift towards adopting carbon-neutral, regenerative, and waste materials. Students will engage in archival research, satire and didactic visualization, and hands-on prototyping.

To scrutinize enduring material culture and practices, the course investigates seminal architectural projects, analyzing their controversy through ethical and ecological perspectives. This research will become a vehicle to uncover ideas for developing experimental construction prototypes that aim to recalibrate design methodologies and material expression. These approaches will help students explore alternative design strategies and hybrid building techniques contributing to carbon sequestration and setting visions toward new architectural forms and accountable aesthetics.

